

Modular Offshore Data Acquisition

Wavix, Inc.

Rockville, MD



INNOVATION

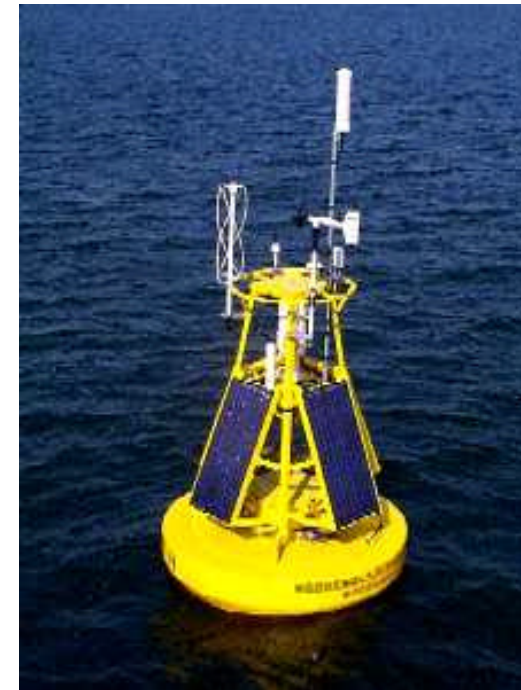
Wavix is merging the latest technologies in satellite communications, data systems, sensors, buoys, and moorings to meet the increasing demand for accurate and timely oceanographic data acquisition.

ACCOMPLISHMENTS

- ◆ Wavix was formed in January, 1999 to commercialize the results of a successful STTR contract awarded to the team of Jackson and Tull and the Woods Hole Oceanographic Institution.
- ◆ Wavix was recognized by NASA for its innovative development efforts with a NASA Space Act Award.
- ◆ In October 1999, Wavix received the Tibbetts Award from the Small Business Administration in recognition of its unique contributions as an "SBIR Model of Excellence."

COMMERCIALIZATION

- ◆ Wavix has created a network of strategic partners to help bring about this success including Woods Hole Oceanographic Institution, Surrey Satellite Technology Ltd, Jackson and Tull, Volunteers in Technical Assistance, and SatelLife.
- ◆ Wavix created an advanced buoy system with a modular design that can be easily reconfigured to support a wide variety of oceanographic data collection requirements.
- ◆ "WavSat," our two-satellite communication system, is tailored specifically to serve the oceanographic market as well as provide e-mail communications in developing countries.



GOVERNMENT SCIENCE/APPLICATIONS

- ◆ Accurate modeling of the Earth's environment depends on surface-based measurements to verify and augment Earth Science satellite data. This system provides a cost effective, reliable, quick turn-around method of performing the required in situ calibration and validation of these Earth Science satellites.
- ◆ There is a significant demand for much larger quantities of data from coastal and remote ocean regions due to an increasing awareness and concern over the human impact on climate change, the increasing recreational and business use of coastal zones, plus the recent trend to explore for oil and gas in deeper and deeper water.

Points of Contact:

- NASA - Stan Hooker; 301-286-9503
- Wavix, Inc.; John Borden; 301-294-9323

Goddard Space Flight Center

1995 Phase II; SS5-033; 10/1/99